

Decree No 3/1959 U.l. of the Minister of
Foreign Trade Concerning the Creation of
the POLYTECHNIA Foreign Trade Enterprise
for Negotiating Technical Cooperation

CZECH,
Uredni list Ceskoslovenske republiky,
Issue No 2, 7 Jan 59, Prague, pp 5-6

US JPRS 1710-N

EEur - Czechoslovakia
Econ

100,722

SETEN

(NY-3287).

Material Incentives for Improvements on Investment
Construction Projects, 18 pp.

CZECH, per, Urcdni List, No LXXII, Prague,
22 Sep 1959, pp 851-856.

JPRS 2555

KEur - Czechoslovakia
Econ
May 60

116,281

Decree No 68/1959 U.S. of the Minister
Foreign Trade Concerning the Creation of
the Jmripol National Enterprise for the
Export and Import of Firearms and Ammu-
nition for Sport and Hunting, and of
Sport and Civilian Airplanes
CZECH,

Uredni list Ceskoslovenska Republiky,
Issue No 27, 31 Mar 1959, Prague, pp 300

US JPRS 10204N

EEur - Czechoslovakia

Nil

Econ

100,726

SATEE

(NY-3218).

Methodology of Price Setting, 66 pp.

CZASCH, per, Uredni Link, No 75, Prague, 1 Oct 1959,
pp 882-901.

JPRS 2317

ECur - Czechoslovakia

Econ

Apr 60

114, 112

SETRE

(3237)NY).

Czechoslovak Government Assumes Financial Obligations
of Yugoslav Government to Czechoslovak Citizens,
pp 9 pp.

RE CZECH, per, Uredni List, No 77, 13 Oct 1959,
pp 911-913.

JPRS-2291

RE EUR - Czechoslovakia
Econ
Mar 60

109,347

SETTE

(NY-3246).

Ministry of Agriculture Decrees on Payment for
Mechanical Work and on Fodder, 20 pp.

CZECH, per, Uredni List, No LXXX, 29 Oct 1959,
Prague, pp 339-341.

JPRS 2555

RFur - Czechoslovakia
Recn
May 60

116,280

CIRCU

(NY-3395).

Compulsory Insurance of Property by JED's,
Decree of the Ministry of Finance, 18 pp.

CZECH, per, Uredni List Czechoslovak Republic,
No 85, Ordinance 211, Prague, 17 Nov 1959,
pp 987-992.

JPRS 2502

ELAR - Czechoslovakia
Bonn
May 60

116,265

SENTEE

(NY-3423).

Basic Conditions of Contract Delivery of
Construction Projects, 33 pp.

CZECH, per, Uradni List Ceskoslovenske Republiky.
No 96, Prague, 22 Dec 1959, pp 1063-1072.

JPRS 2683

EEur - Czechoslovakia

Econ

Jun 60

117,258

(NY-3461).

Preparation, Content, and Control of Fulfillment
of the State Treasury Plan, 12 pp.

CZECH, per, Uredni List, No 91, Prague, 10 Dec
1959, pp 1019-1023.

JUNE 24 91

EEur - Czechoslovakia
Econ
Apr 60

114,828

SETTE

(HY-3446)

Principles for Financing of and Granting Credits to
JED's and Other Cooperative Associations by the
Czechoslovak State Bank, 28 pp.

CZECH, per, Uradni List, No 93, 16 Dec 1959, Prague.
pp 1035-1042.

JPRS 2789

118,637

EEur - Czechoslovakia

Econ - Agriculture

Jan 60

(NY-3437).

Revisions and Additions to Decrees on Planning,
Setting, and Control of Prices and on Methodology
of Price Setting, 8 pp.

CZECH, per, Uřřední list, No 94, Prague, 17 Dec
1959, pp 1044-1046.

JPRS 2491

EEur - Czechoslovakia
Econ
Apr 60

114,827

Changes Affecting Geodesic and Cartographic
Institutes. FOUO

CZECH, Irreg. per, Uredni List, No 29, 1960,
pp 243-249.

FDD/Sum 2785

COPYRIGHT

EEur-Czechoslovakia

Econ

Aug 60

123,164

Diphospho-methylstilbestrol, "Asta 52", in the
treatment of Prostatic Carcinoma, by Enzo Martignoni,
1 pp.

ITALIAN, per, Urologia, Vol XXIV, no 3, 1957,
pp 310-313.

SLA 59-15309

Sci - Med
Dec 59
Vol 2, no 4

102,849

A. The Value of Cytological Diagnosis in Urology,
by A. Suppan.

GERMAN, per, Urol Int, No 12, 1961, pp 307-327.

NIE 2-64-63

Sci - Biol/Med Sci

May 63

231,974

Immune and Starch Gel Electrophoresis of the Serum
and Urine of Subjects With Nephrotic Syndromes, by
P. Milliez, L. Hartmann, G. Lagus, 14 pp.

FRENCH, per, d'Urologie Medicale et Chirurgicale,
Vol LXV, 1959, pp 248-257.

SLA 60-17766

Sci

190,034

Mar 62

Vol IV, No 6

USSR Scientific and Technical Exhibit. The Atom for
Peace.

ITALIAN, bk, URSS Esposizione Scientifico-Technica-
L'Atomo per la Pace, Rome, Jun 1960.

*AEC

Sol - Space Res
Jul 60

R-357-N

*JPRS for AEC

**Radio Navigation Aids for Air Transport, by
Kryzstof Mangel. 184 pp.**

**POLSKA, bk, Urzadzenia Radiowiglowe
Komunikacji Lotniczej, 1964, pp 1-180.**

NASA TT F-12,464

**Sci-Mav
Oct 69**

392,936

The Baillo Girardeseu Electronics Center, 6 pp. 1-8.

FRANCE, per, Usines D'aujourd'hui, No 36, pp 1-8.

ACSI H-5064

ID- 2158093

Sci - Electron

Mar 60

110,404

Machining by Electric Spark, 41 pp, (AF 1053984).

FRENCH, per, L'Usine Nouvelle, Spring 1955, 7 pp.

CIA 603712

ATIC F-TS-9244/V

Sci - Engineering

Aug 57

51, 216

French Analysis of Russian Technical
Education, ~~Expt~~ by M. Flaud, 5 pp.
UNCLASSIFIED

FRENCH, par, L'Usine Nouvelle, No 8, 1958,
Encl to IR-951-58, CIAA, Paris.

AF 1202938

USSR
Soc -~~Expt~~ Education
Nov 58

75,982

Position of the French Automobile Industry in
Europe, 8 pp. UNCLASSIFIED

FRENCH, per, L'Usine Nouvelle, No 40, 1 Oct 1959,
pp 29, 30.

ACSI H-6558
ID 2127620

WE - France
Econ
Jul 60

121,425

Universal Analog Computer, 6 pp.

FRENCH, per, L'usine Nouvelle, No 8, 23 Feb 1961.

UBASIA Tr-1183

Sci - Electronics
Jul 61

159, 187

Memories From the Yugoslav Armed Forces, 23 pp.
UNCLASSIFIED

SERBO-CROATIAN, rpt, Uspomena iz Jugoslovenske Narodne
Armije, Belgrade, 1958, Encl to Ser No 126-58, US MA.

ONI Tr 5052453

EE - Yugoslavia
Mil - Armed Services, Arms,
Antiaircraft Defense
Sep 58

72,685

Agency: HIE

R-11561-D

P.O.No. D-160547-0/2

23 April 1970

Title: Contribution on the Mechanism of the Development
of Nitrate Alimentary Methaemoglobinemia in Infants

Author: Zdenek Knotek, Pavel Schmidt et al

Source: Ustav Hygieny, Praha Veterinarni Larisani,
Czech Hygiene - VI 10- 1961

Language: Czech

Special Instructions: Please translate & type 1 copy

Catalog of East-Soviet Elec Conferences, Conferences
and Exhibitions, 22 pp. GOVERNMENT USE ONLY
CZECH, rpt, Ustav pro Technické a Ekonomické Infor-
mace, Prague, 1964.
JPRS GUO 228

Sci-Misc
Apr 64

255,793

A Contribution to the Problem of the Origin
of C_1 - C_7 Hydrocarbons in Samples of Soil
Air in Gas Survey Work, by J. Juranek, 22 pp.

CZECH, per, Ustavu pro Mafrovv Vyzkum, Pnaso
Publikace, Vol IX, No 37, 1958, pp 57-79.

ADB-16L37C

Sci
Mar 62
Vol 4, No 4

187,163

Smeral, J.
CHROMATOGRAPHIC MICROANALYSIS OF BITUMENS
[1961] Sp.
Order from ATS \$2.50

ATS-09152C

Trans. of Ústavu pro Nftový Vyskum. Prace.
Publikace (Czechoslovakia) 1956, no. 17-21, p. 73-77.

DESCRIPTORS: *Bitumens, *Chromatographic analysis,
*Microanalysis.

61-22620

I. Smeral, J.
II. ATS-09152C
III. Associated Technical
Services, Inc., East
Orange, N. J.

175366

Office of Technical Services

(Chemistry--Analytical, TT, v. 6, no. 3)

Tymna, V.
**THE DETERMINATION OF MOISTURE CONTENT IN
SOLID FUELS: FISCHER'S METHOD** (Stanoveni
Vlhkosti Pevnych Paliv Fischerovou Metodou). [1962]
[10]p. 12 refs.
Order from SLA \$1.10

62-10965

Trans. of Ustav pro Vyzkum a Vyuziti Paliv. Price
(Czechoslovakia) 1959, v. 10, p. 293-303.

DESCRIPTORS: Solids, Fuels, *Coal, Volumetric
analysis, *Moisture.

(Chemistry--Analytical, TT, v. 10, no. 3)

62-10965

- I. Title: Fischer's method
- I. Tymna, V.
- II. Title: Fischer's ...

Office of Technical Services

I-121/63

Criminal Courts' Procedures, by Abd-la-Wahhab Jawwad.

ARABIC, bk, Usul Al-Mahkamat Al-Jaza'iyah, 1957,
pp 51-120, 120-137, 172-178, 247-251, 267-272, 287-311,,
342-358, 473-483, 597-608, 611-666, 675-677, 686-690,
726-735, 857-863.

J
*JPRS/SPECIAL/DC-10107

ME - Syria
Soc
Dec 63

I-120/63

Afghan Military Penal Code, 5 pp.

PERSIAN, rpt, Usulnameh Jaza'i i Askari Afghanistan,
19601

• JPRS/DC-10105
(Special)

ME - Afghanistan
Mil
Dec 63

I-119/63

Laws of Judicial Courts, 488

PERSIAN, rpt, Usulnameh Idari Mahakem 'Adliyah,
1957.

ME - Afghanistan
Soc
Dec 63

JPRS/Special/DC-10105

* JPRS/Special/NY-2035 (I-11/64)
(6033)

Instructions for the Establishment of Civil Defense
Air Raid Shelters, 121 pp. UNCLASSIFIED

HUNGARIAN, photostat of book, Utasítás - Legoltalmi
Ovohelvek Letétele, publ by Ministry of Interior
Budapest, 1951, pp 1-151.

US JPRS/DC-L-284

EE - Hungary
Mil - Civil Defense
May 58

64, 199

Analysis of the Technical and Economic Aspects of
the Automation of Telephone Service in the Interior
Expansion of Telephone Exchanges, Montevideo,
Interior and Long-Distance Networks, 15 pp.
SPANISH, rpt, Ute - Usinas Electricas del Estado,
1963, pp 1-18.
DIA Ltr 428-68

Lat Amer
Econ

Road Construction - Planning Directives of Urban
and Rural Roads, 32 pp.

HUNGARIAN, bk, Utapitas, Varosi es Kozsagi Utak
Tervezesi Iranyelvei, Budapest, 1951.

ACSI, H-3101

EEur - Hungary

Econ

May 59

88,199

The Use of Beryllium as a Canning Material
the Problems Arising From the Brittleness
of the Metal and Their Present Solution.
FRENCH, rpt, L'Utilisation du Beryllium
Comme Matériau de Gaine Les Problèmes Posés
par la Fragilité du Métal et Leurs Solutions
Actelles, 1964, 13 ppp
*AEC

Sci-M/H
Mar 65

English Title Unknown, by J. Bussac and A.
Kania, et al.
DUTCH, rpt, Utilisation du Plutonium Dans les
Reacteurs a Neutrons Thermiques et Dans les
Reacteurs a Neutrons Rapides, Rpt No. EON-1841.f,
1964.

• AEC 115-14

Sci-Misc
Sept 66

310,604

The Use of Granulated Slag and Loose Ashes
in Concrete, 13 pp.

FRENCH, rpt, Utilisation du Sable Laitier et
des Centres Volantes Dans les Betons. (Call
No KIF 579395).

AMS

Wdur - France

184,597

Eoon

19 Feb 62

The Effect of Some Diluents on the Vitality of Ram Spermatozoa in Vitro, by
Miroslav Varadin, Aleksandar Pavlovic, 8pp.
SERBO-CROATIAN, b<, Utjecaj Nekih Raz-
redivaca Na Vitalnost Ovnujskih Spermija
in Vitro, 1964.
CFSTI TT 68-50070

Sci/b&m
Feb 70

403,260

J-664/64

Report of the Judicial Commission on the Wenner-
strom Case, 130 pp

SWEDISH, bk, Utlåtande av Juristkommissionen i
Wennerstromaffären, Stockholm, 1964, pp 1-117.

*JPRS/NY-9167/Special

W Eur - Sweden
Pol, M11
May 64

Aircraft Type 29. Ejections by Catapult Seat, 9 pp.

GERMAN, rpt, Fpl Type 29. Utskjutningar med
Katapultstol, No 240855, 1952, 7 pp.

CIA 605 342.

ATIC P-TS-8478/v

Sci - Baronaautics

56,677

Doc 57

Scabbing in Rock Tunnels, by K. B. Broberg, 18 pp.

SWEDISH, paper, Itatotning i X Bergtunnlar, 2 Febt 1961.

9098094

Ref ID: A66878

Sci - Geophysics
May 62

196,030

✓ (FID 27935)

Five Days in Soviet Estonia Part I. ~~Re~~al, by Prof
Kostas Vilks, 11 pp.

FIDISH, wk per, Uusi Kuvalehti, No 14, Helsinki,
6 Apr 1956, pp 12, 13, 4.

CIA/FID U-8455

36, 442

UNDER - Estonia
Soc - Education, art

(PDD 27936)

Five Days in Soviet Estonia Part II. Tartu, by Prof
Kurtas Viikuna, 8 pp.

FINNISH, wk per, ~~Ilari Kumpulainen~~, No 15, Helsinki,
13 Apr 1956, pp 14, 15.

CIA/PDD U-8456

36,443

UNSR - Estonia
Soc - Education, art

Principles of Cold Weather Engines Operation, by
W. Bjorck, R. Lemmo, 29 pp.

GOVERNMENT USE ONLY

SWEDISH, rpt, Ume-Verken ab Norrkoping 5 Tel.

ARM/PTC/ET-23-598-68

Sci/Mech
July 69

386,530

60-21634

Kovacevic, I.
THE BASIC PRINCIPLES OF THE CULTIVATION AND
SELECTION OF HAZELNUTS, tr. by Spalatin
Leonardo. 1962, 143p. 84 refs. PL-480 Agr.
Order from OTS \$1.50 60-21634

Trans. of mono. Uzgojanje i Selekcija Ljesnjaka,
Zagreb, 1955, 183p.

DESCRIPTORS: *Agriculture, *Plants, *Trees, Classi-
fication, Distribution, Ecology, Culture, Fertility,
Chemical analysis.

(Agriculture--Plant Cultivation, TT, v. 6, no. 4)

- I. Title: Hazelnuts
- I. Kovacevic, I.
- II. PL-480 Agr (60-21634)
- III. National Science Foundation
Washington, D. C.

Office of Technical Services

Intraocular Pressure During Changing
Environmental Pressure in Animal
Experiments, by E. Harre, N. Tiedt,
19 pp.

GERMAN, per, V Graefes Archiv fur
Ophthalmologie, No 166, 1964, pp 462-474.

9697766

FTD-TT-65-307

Sci - Biol & Med Sci
Aug 65

287,545

Photogrammetric Equipment. 11 pp.
FRENCH, rpt, V/O Mashpriborintorg. Appareils
Pour la Photogrammetrie Moscow, pp 1-11.
AIR/FFD/IFI-23-502-68

sci/methods and equipment
apr 69

377,959

Caligny, by Maurice Humeau, 7p.
FRENCH, note. Table-Maison des Antiquaires
et Agents Chimistes de la Police.
Paris, 1962, pp 23-25.
CIA ID-64-18716.

333, 638

Sci
Jul 67

The Peoples, Religions and Customs of Somalia, 23 pp
Italian, bk, Vademecum della Somalia per Ufficiali e
Sottufficiali, 1949, pp 36-72.
JPRS 29327

Africa-Somalia

Soc

Apr 65

279,253

Four Types of Standard Shelters, by Costa Smith,
10 pp.

SWEDISH, per, Vag- och Vattenbyggaren, No 1,
March 1961, pp 9-12. 9093292

AEC Tr-4964

W. Sweden

Rec

Apr 62

189, 922

Static Reinforced Concrete Surfacing -
Functional and Loading Principles, by
A. Losberg.

SWEDISH, per, Vag - och Vattenbyggaren,
Vol VIII, No 3, 1962, pp 89-93.

CSIRO/No 6201

Sci-Engr

Oct 63

Glued Timber Structures, by B. Noren.
GERMAN, per, Vaag- och Vattenbyggnaden,
No 10, 1964, pp 404-408.
NNDIA

Sci -
Jul 67

334,051

English Title Unknown, by J. W. M. Roodenburg.
DUTCH, per, Vakblad Voor Biologen, Vol 27, 1947,
pp 65-77.
*SI TT 71-53007
Available SI Only

June 71

62-22910

Lanzing, W. J. R.
BIOLOGY OF THE PETROMYZONIDAE (Biologie van de
Petromyzonidae) tr. by T. P. Van Dyk. 1962, 13p.
26 refs. FRBC Trans. Series no. 384.
Order from NRCC

NRCC C-3971

Trans. of Vakblad voor Biologen (Netherlands) 1957,
v. 37, no. 9, p. 1-10.

DESCRIPTORS: *Biology, *Lampreys, *Classification,
Distribution, Reproduction.

Dept of Interior
QH 301 C.273 No 384

(Biological Sciences--Zoology, TT, v. 8, no. 7)

I. Lanzing, W. J. R.
II. FRBC Trans. no. 384
III. NRCC C-3971
IV. Fisheries Research Board
of Canada

Office of Technical Services

Polypropylene, by W. A. Neitzert, R. Zechner. 21 p.
GERMAN, bk, Vakuum Formung von Thermoplastischen
Kunststoff-Folien. VII, 1961, pp 62-76.
SIA TT-66-10570

Sci-MAM
Jul 66

306,096

Comprehensive Comparison of the Films Rested, by
W. A. Neitzert, 12 p.
CZECH, mono, Vakuum Formung von Thermoplastischen
Kunststoffe-Folien, X, 1961, pp 91-99.
SLA TT 66-10871

Sci-~~MM~~
Jun 66

304,453

Vacuum Heating Stage 1750° Operating Instructions
Manual, 23 pp.
GERMAN, bk, Vakuum-Heiztisch 1750°, 1961.
AEC SCL-T-418

206,091

Sci - Engr
Aug 62
1st 71

Mösch, G. C.
GLASS DEWAR FLASKS (QUALITY AND POSSIBILITY OF IMPROVEMENT FOR THE INSULATION OF LIQUIDS AT LOW TEMPERATURES). [May 63].
BGIRA-562
Order from BGIRA

Trans. of Vakuum-Technik (West Germany) 1952.
v. 1, no. 1, p. 9-13.

DESCRIPTORS: *Glass, *Containers, Thermal insulation, Liquids, Low temperature research, Laboratory equipment.

(Materials--Ceramics, TT, v. 10, no. 3)

63-17424

- I. Title: Dewar flask
- I. Mösch, G. C.
- II. BGIRA-562
- III. British Glass Industry Research Association

Office of Technical Services

Schwiecker, Werner.
ELASTIC STRESSES IN GLASS. THEIR IMPORTANCE AND THEIR MEASUREMENTS (Elastische Spannungen in Glasern, ihre Bedeutung und ihre Messung). [1962] [19]p. (foreign text included) 45 refs. 62-14878
Order from SLA \$1.60

Trans. of Vakuum-Technik (West Germany) 1952,
v. 1, no. 1, p. 14-18.

DESCRIPTORS: *Glass, Mathematical analysis,
*Stresses, Measurement, *Elasticity, Ceramic materials, Shear stresses, Surfaces.

A survey is given of the problems encountered in stress investigations.

(Materials--Ceramics, ET, v. 8, no. 9)

62-14878

1. Schwiecker, W.

Office of Technical Services

62-16685

Reichelt, W. and Heraeus, W. C.
HIGH VACUUM EVAPORATION AND CONDENSATION
OF ALLOYS AND ITS APPLICATION TO THE MANU-
FACTURE OF ELECTRICAL RESISTORS. [1962] 11p.

10 refs.

Order from SLA \$1.60

62-16685

Trans. of Vakuum-Technik (West Germany) 1953, v. 2,
no. 12/13, p. 256-259.

DESCRIPTORS: *Resistors, *Electrical equipment,
Production, *Alloys, Magnetic properties, *Evaporation,
Intermetallic compounds, Conductors, *Condensation
reactions, *Vacuum apparatus, Metals, Coatings,
*Ferromagnetic materials, *Semiconductors.

(Engineering--Electrical, ET, v. 9, no. 1)

I. Reichelt, W.
II. Heraeus, W. C.

Office of Technical Services

The Degassing Process during the Vacuum
Treatment of Molten Metals, by O. Winkler.

GERMAN, per, Vakuum-Technik, Vol III, No 5,
1954, pp 87-96.

ASLIB-GB43

Sci

Aug 58

71,685

Physico-Chemical Basis of Freeze-Drying, by
G. Matz.
GERMAN, per, Vakuum-Technik, Vol. 3, No. 6-7,
1955, pp 109
GB/163

Sci -
Aug 67

335
~~335~~-293

Welding and Soldering of Metal Parts by High
Vacuum Technique, by W. Espe. UNCL

GERMAN, per, Vakuum Technik, Vol IV, No 3,
1955, pp 51-64. CIA 9036662

ACSIL 940

Sci - Engr
Mar 59

82,604

Eape, Werner.

FERRITIC CHROMIUM ALLOY STEELS FOR
VACUUM-TIGHT GLASS-TO-METAL SEALS. [1963]
47p. (figs. omitted) 31 refs.
Order from SLA \$4.60

63-18930

Trans. of Vakuum-Technik (West Germany) 1955, v. 4,
no. 4/5, p. 82-100.

DESCRIPTORS: *Adhesives, *Vacuum seals, *Steel,
Chromium alloys, Iron alloys, *Seals (Stoppers).

The Cr-Fe alloys used for glass-to-metal seals have a
chromium content of 17-30%, Mo, Nb, Ti, Ta, or
Si -- depending on the maker -- being added to the low-
chrome alloys to improve their structural stability and
make the material easier to machine. The formation of
vacuum-tight seals between wires, rods, rings, caps,
etc. and ordinary soft industrial glasses is relatively
simple, since the alloy: (1) -- as distinct from Kovar --
(Materials--Sealants, TT, v. 10, no. 11) (over)

63-18930

1. Eape, W.

Office of Technical Services

Physico-Chemical Basis of Freeze-Drying, by G.
Matz.
GERMAN, per, Vakuum-Technik, Vol 3, No 6-7, 1955,
p109
OB/163

G MATZ

Sci -
Aug 67

335,161

Use Of Vacuum Technique In the Metallurgical
Research, by R.F. Dickerson and E.L. Foster Jr.

GERMAN, per, Vakuum-Technik, Vol V, 1956, pp 33-38.

CSIRO

Oct. 62

The Design of Pump Combinations With Roots Pumps, by
K. Stoch,

GIETVNI, por, Vokna-Tech, Vol VI, 1957, pp 98-101.

AFS IGIS-26(FD/R)

Sci - Engr

Apr 60

115,096

Vacuum Manometer with a Thermoelectric Cell: Compensation
of the Temperature and Direct Reading in a Very Long I
Interval, by J. M. Benson, 14 pp.

GERMAN, per, Vakuum-Tech, Vol VI, 1957, pp 181-185.

ASC CEA Tr A448

Reverse Trans German to French
Feb 59

Quartz-Glass, Quartz-Ware and Quartz-Type
Glass as Materials in High Vacuum Technique,
by W. Espe, 15 pp.

GERMAN, per, Vakuum Technik, Vol IV, No 7,
1958, pp 65-77. 9210856

A.C.S.I.L. Tr 1391

Sci 2- M/M
Sep 63

344,184

The Passage of Gases Through Plastics
Films, by H. Klumb.

GERMAN, per, Vakuum-Technik, Vol VII, 1958,
pp 35-41. _____

GB/53/860

Sci
Dec 62

62-17769

HE-MASS SPECTROMETER AND ITS APPLICATION
ON THE VACUUM INDUSTRY. [1962] 28p.
Order from K-H \$25.00 K-H 11169

Trans. of Vacuum Technik (West Germany) [1958]
v. 7, no. 1, p. 13-16 and no. 2/3, p. 46-51.

DESCRIPTIONS: *Mass spectrometers, High frequency, Vacuum systems, Industry.

(Machinery--Manufacturing, TT, v. 8, no. 11)

- I. K-H-11169
- II. Kreage-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Homogeneous and Heterogeneous Evaporated Antimony
Films, by E. Ricca, 12 pp.

GERMAN, per, Veluum, Vol VII-VIII, 1957-1958,
pp 56-60. 0008721

AEC UURL 71-719

Sci - Mass
Dec 61

177, 449

Hintenberger, H. and Dörnenburg, E.
APPLICATION OF MASS SPECTROMETRY IN
VACUUM TECHNOLOGY, PT. I (Anwendung der
Massenspektroskopie in der Vakuumtechnik, 1. Teil).
[1962] [42]p. (foreign text included) 49 refs.
Order from SLA \$4.60 62-18538

Trans. of Vakuum-Technik (West Germany) 1958,
v. 7, no. 6, p. 121-130.

DESCRIPTORS: *Mass spectroscopy, *Spectrum
analyzers, Vacuum apparatus, Ions, Production,
Detection, Ion beams, Vapor pressure, Mass
spectrum

(See also 60-18195)

(Physics--Spectroscopy, TT, v. 9, no. 9)

62-18538

I. Hintenberger, H.
II. Dörnenburg, E.

Office of Technical Services

Application of Mass Spectrometry in Vacuum
Technique, 2, by H. Hintenberger, E. Dornenburg,
22 pp.

GERMAN, per, Vakuum-Technik, Vol VII, No 7,
1958, pp 159-171.

SLA 60-18195

Sci
May 62

196,879

Vol 4, No 10

Brazing in Vacuum, by P. Bernhard, H. Bunn,
12 pp.

GERMAN, DOR, Vakuum-Techn, Vol.VII, 1958,
pp 153-158.

AEC IDRL-T/CA-112

Sci - Engr

Oct 59

99,546

Application of Mass Spectrometry in Vacuum
Technique, 2, by H. Hintenberger, E. Dornenburg,
22 pp.

GERMAN, per, Vakuum-Technik, Vol VII, No 7,
1958, pp 159-171.

SLA 60-18195

Sci
May 62

Vol 4, No 10

Mica as a Construction Material in High-Vacuum Technique, by Werner, Espe, 6 pp.

GERMAN, per, Vakuum-Technik, Vol VIII, No 1, 1959, pp 15-19.

SLA 60-18194

195, 991

Sci

May 62

The Electrolysis of Glass in Electron Tubes,
by Fritz Engel, 7 p.

CHESMAN, per, V²akum-Tech, 1959, Vol VIII, No 2,
pp 44-47.

ATB-07L340

Sci
Mar 60
Vol 2, No 11

109,612

Monic (Airtight) Molybdenum-to-Glass "Solder"
Scale, by H. Aden, 9 pp.

165443, per, Vakuum-Tech, Vol VIII, No 3, 1959,
pp 59-62. 9093442

ABC SCL-T-417

Sci - Engr
Jul 62
List 70

204.733

The Purification of Potassium and Sodium, by C.
Kunze, 5 pp.

GERMAN, per, Vakuum-Technik, Vol VIII, H 1959,
pp 143-149 1071320

UKAEA, Risley
DEG Inf Ser 57(D)

Sci - Chem
Apr 62

189,432

62-16307

Kienel, G. and Lorenz, A.
A GETTER ION PUMP FOR TECHNICAL PURPOSES.
[1962] [16p. 3 refs.
Order from SLA \$1.60

62-16307

Trans. of Vakuum Technik (West Germany) 1960, v. 9,
no. 1 [p. 7-8].

DESCRIPTORS: *Ions, *Pumps, Design, Structural
parts, *Vacuum apparatus, Gases, Absorption,
ionization, Seals (Stoppers), Measurement.

Described are a getter ion pump made of metal, flange
seals made of aluminum and gold, as well as an ultra-
high vacuum valve with aluminum gasket. Some
measuring results are given attained by means of these
structural parts. The pumping speed of the getter ion
pump for the hydrogen, oxygen and nitrogen is 740 l/sec.
The getter metal supply (titanium) within the pump is
sufficient to absorb approximately 200 Ncm³ (std. cc)
(Physics, TT, v. 10, no. 11) (over)

I. Kienel, G.
II. Lorenz, A.

Office of Technical Services

61-20446

Preuss, L. E. and Alt, C. E.
EVAPORATION OF METALS IN VACUO AS A
FUNCTION OF THEIR DISTRIBUTION ON THE
EVAPORATION SURFACE (EXPERIMENTAL RE-
SULTS OF RADIOAUTOGRAPHY AND DISTILLATION
CAMERA PHOTOGRAPHS) PT. I (Die Verdampfung von
Metallen im Vakuum in Abhängigkeit von ihrer
Verteilung auf der Verdampfungsunterlage; Experi-
mentelle Ergebnisse mittels Autoradiographie und
Destillations-Kamera - Aufnahmen, I. Teil). [1961]
[32]p. (foreign text included) 10 refs.
Order from SLA \$3.60

61-20446

Trans. of Vakuum-Technik (Germany) 1960, v. 9,
no. 4, p. 93-100.

DESCRIPTORS: *Evaporation, *Metals, Distilling
plants, *Vacuum apparatus, Distribution, Surfaces,
*Autoradiography, Surface tension, Radioactivity,
(Research Methods--Photographic Equipment, TT,
v. 7, no. 6) (over)

- I. Preuss, L. E.
- II. Alt, C. E.
- III. Title: Experimental ...

201436

Office of Technical Services

61-20541

Drawin, H. W.
BAKABLE ULTRA-HIGH-VACUUM VALVE WITH
LARGE CROSS SECTION. [1961] 8p. 8 refs.
Order from SLA \$1.10 61-20541

Trans. of Vakuum-Technik (Germany) 1960, v. 9,
no. 7, .. 199-201.

DESCRIPTORS: *Stainless steel, Metal plates Re-
fineries, Seals, *Valves, Reliability, Metal screws,
Vacuum operated valves, Structures, Welding,
*Vacuum apparatus.

The new 35-litre valve is described which offers a
particularly good reliability as a result of its com-
pletely welded structure. All parts in vacuo, with the
exception of the screw mechanism and the light plate,
consist of refined stainless steel.

(Metallurgy--Ferrous Metals, 77, v. 7, no. 5)

I. Drawin, H. W.

Office of Technical Services

Some Recent Developments in Ultra-High-Vacuum
Technology, by I. A. Redhead', H. V. Kornelsen. 23 pp

TECHN, for, Vacuum ~~Technik~~, Vol 1, No 2, 1961,
pp 31-37. 9518824

8
AEC-AI-Tr-3

Ref - Ref Ref

acc - S

Gas Sorption ~~III~~ on Evaporated Titanium Films,
by J. Luckert, 36 pp.

GERMAN, per, Vakuum-Technik, No 1/2, pp 1-7,
40-45, 1961. 9091771.

AEC-HP-Tr-908

Sci - Phys
Sep 62

211, 066